UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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ART UNIT	PAPER NUMBER
2178	

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Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	**Applicant(s)**
Office Action Summary	09/750,046	YOSHIASA, MASAHIRO
	Examiner	**Art Unit**
	John R Brancolini	2153

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _29 December 2000_.

2a)☐ This action is **FINAL.**   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☐ Claim(s) _1-20_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-20_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _29 December 2000_ is/are: a)☐ accepted or b)☒ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☒ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

13)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

    a) ☐ The translation of the foreign language provisional application has been received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____ .

DETAILED ACTION

Claims 1-20 are pending in the application.

Priority

A claim for foreign priority was made in the application. The effective filing date is

January 11, 2000.

Drawings

Figure 1 should be designated by a legend such as --Prior Art-- because only

that which is old is illustrated. See MPEP § 608.02(g). A proposed drawing correction

or corrected drawings are required in reply to the Office action to avoid abandonment of

the application. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 1-20 rejected under 35 U.S.C. 102(a) as being anticipated by Kitayama

and Fumihiko (European Patent EP 0969389 A2), hereinafter referred to as Kitayama.

In regards to claim 1, Kitayama discloses a gateway server, comprising:

- A convert section converting a first contents into a second contents, wherein said first contents is received from a contents server in response to a request of a small terminal and said second contents corresponds to a display performance of a display section of said small terminal (Fig 2 Item 100 shows a Gateway server used for converting data, after receiving a request the server receives the content and converts, paragraph [0074]).

- An output section outputting said second contents to said small terminal (the server outputs to a HTML generator which outputs the content to the network, paragraph [0075]).

In regards to claim 2, Kitayama discloses said small terminal is one of a portable wireless telephone, a PHS terminal and a personal digital assistant (Fig 1 shows a wireless telephone, item 150, paragraph [0066]).

In regards to claim 3, Kitayama discloses said second contents can be displayed in said display section (the documents created are for display on the various terminals, paragraph [0066]).

In regards to claim 4, Kitayama discloses said convert section judges whether said first contents is a picture contents, and when said first contents is not said picture contents, said convert section does not convert said first contents into said second contents (a group of view objects, or pictures are created by the HTML editor if

requested by the user and in the contents of the data, if the HTML generator does not

receive view objects, then no conversion is done, paragraphs [0074], [0075]).

In regards to claim 5, Kitayama discloses said convert section does not convert

said first contents into said second contents, when said first contents is received from

said contents server in response to a request of a non-small terminal other than said

small terminal, and wherein said output section outputs said first contents to said

non-small terminal (when the server recognizes a request from a terminal which has the

same display attributes as a saved state of the data, no conversion is necessary,

paragraph [0069]).

In regards to claim 6, Kitayama discloses said display performance corresponds

to the number of display pixels of said display section (Fig 12 shows a list of attributes

which determine how the contents are converted for performance, the list of attributes

includes display pixels, paragraph [0044]).

In regards to claim 7, Kitayama discloses said display performance corresponds

to the number of display colors of said display section (Fig 12 shows a list of attributes

which determine how the contents are converted for performance, the list of attributes

includes display colors, paragraph [0044]).

In regards to claim 8, Kitayama discloses a contents obtaining system,

comprising:

- A terminal having a display section to display a contents (the documents created are for display on the various terminals, paragraph [0066]).

- A contents server storing a contents (a database acts as a server storing data contents, paragraph [0074]).

- A gateway server arbitrating a communication between said terminal and said contents server (the data service facility acts as an arbitrator between the database storing the contents and the terminal, paragraph [0074]).

- Wherein said terminal outputs a first request of obtaining a needed contents to said gateways server (a terminal makes a request, paragraph [0069]).

- Wherein said gateway server outputs a second request of obtaining said needed contents to said contents server in response to said first request (the server outputs a request to a database acting as a server storing data objects, paragraph [0074]).

- Wherein said contents server outputs said needed contents to said gateway server in response to said second request (the database transfers the data objects to the server, paragraphs [0074], [0075]).

- Wherein said gateway server converts said needed contents into a specific contents, wherein said specific contents corresponds to a display performance of said display section of said terminal (using attributes of the terminal, the HTML generator converts the data into specific contents, paragraphs [0075], [0076]).

- Wherein said gateway server outputs said specific contents to said terminal (the server outputs to a HTML generator which outputs the content to the network, paragraph [0075]).

In regards to claim 9, Kitayama discloses said gateway server judges whether said needed contents is a picture contents, and wherein when said needed contents is not said picture contents, said gateway server does not convert said needed contents into said specific contents and said gateway server outputs said needed contents instead of said specific contents to said terminal (a group of view objects, or pictures are created by the HTML editor if requested by the user and in the contents of the data, if the HTML generator does not receive view objects, then no conversion is done, paragraphs [0074], [0075]).

In regards to claim 10, Kitayama discloses said terminal is one of a small terminal and a terminal other than said small terminal, and wherein when said terminal is said small terminal, said terminal outputs said first request of obtaining said needed contents to said gateways server, said first request including a information indicating that said terminal is said small terminal, and wherein said gateway server does not convert said needed contents into said specific contents when said gateway server does not receive said information (upon requesting data, a terminal has to identify its attributes for conversion of the files, if no conversion attributes are received the server uses a stored state of the contents, paragraphs [0069], [0070], [0071], [0072]).

In regards to claim 11, Kitayama discloses a contents obtaining method, comprising:

(a) Outputting a first request of obtaining a contents to a gateways server from a

terminal (a terminal makes a request, paragraph [0069]).

(b) Outputting a second request of obtaining said contents to a contents server from

said gateway server in response to said first request (the server outputs a request to a

database acting as a server storing data objects, paragraph [0074]).

(c) Outputting said contents to said gateway server from said contents server in

response to said second request (the database transfers the data objects to the server,

paragraphs [0074], [0075]).

(d) Converting said contents into a specific contents in said gateway server, wherein

said specific contents corresponds to a display performance of a display section of said

terminal (using attributes of the terminal, the HTML generator converts the data into

specific contents, paragraphs [0075], [0076]).

(e) Outputting said specific contents to said terminal from said gateway server (the

server outputs to a HTML generator which outputs the content to the network,

paragraph [0075]).

In regards to claim 12, Kitayama discloses the step of (f) judging whether said

contents is a picture contents, and wherein when said contents is not said picture

contents as the result of said (f), said (d) is not performed and said (e) includes

outputting said contents instead of said specific contents to said terminal from said

gateway server (a group of view objects, or pictures are created by the HTML editor if

requested by the user and in the contents of the data, if the HTML generator does not

receive view objects, then no conversion is done, paragraphs [0074], [0075]).

In regards to claim 13, Kitayama discloses said terminal is one of a small terminal and a terminal other than said small terminal, and wherein when said terminal is said small terminal, said (a) includes outputting said first request of obtaining said contents to said gateways server from said terminal, said first request including a information indicating that said terminal is said small terminal, and wherein said (d) is not performed when said gateway server does not receive said information (upon requesting data, a terminal has to identify its attributes for conversion of the files, if no conversion attributes are received the server uses a stored state of the contents, paragraphs [0069], [0070], [0071], [0072]).

In regards to claim 14, Kitayama discloses a computer readable recording medium for recording a program for a process, comprising:

(a) Converting a first contents into a second contents, wherein said first contents is received from a contents server in response to a request of a small terminal and said second contents corresponds to a display performance of a display section of said small terminal (Fig 2 Item 100 shows a Gateway server used for converting data, after receiving a request the server receives the content and converts, paragraph [0074]).

(b) Outputting said second contents to said small terminal (the server outputs to a HTML generator which outputs the content to the network, paragraph [0075]).

In regards to claim 15, Kitayama discloses said small terminal is one of a portable wireless telephone, a PHS terminal and a personal digital assistant (Fig 1 shows a wireless telephone, item 150, paragraph [0066]).

In regards to claim 16, Kitayama discloses said second contents can be displayed in said display section (the documents created are for display on the various terminals, paragraph [0066]).

In regards to claim 17, Kitayama discloses (c) judging whether said first contents is a picture contents; and wherein said (a) is not performed when said first contents is not said picture contents as the result of said (c) (a group of view objects, or pictures are created by the HTML editor if requested by the user and in the contents of the data, if the HTML generator does not receive view objects, then no conversion is done, paragraphs [0074], [0075]).

In regards to claim 18, Kitayama discloses said (a) is not performed when said first contents is received from said contents server in response to a request of a non-small terminal other than said terminal, and wherein said (b) includes outputting said first contents to said non-small terminal when said (a) is not performed (when the server recognizes a request from a terminal which has the same display attributes as a saved state of the data, no conversion is necessary, paragraph [0069]).

In regards to claim 19, Kitayama discloses said display performance corresponds to the number of display pixels of said display section (Fig 12 shows a list of attributes which determine how the contents are converted for performance, the list of attributes includes display pixels, paragraph [0044]).

In regards to claim 20, Kitayama discloses said display performance corresponds to the number of display colors of said display section (Fig 12 shows a list of attributes which determine how the contents are converted for performance, the list of attributes includes display colors, paragraph [0044]).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Leigh (US Patent Number 5838905), a method of remote terminal operation.

Kawamoto (US Patent Number 6108554), an information providing system utilizing conversion for remote terminals.

Harumoto et al. (US Patent Number 6009471), a system of server and terminal data transfer involving converting data to several protocols.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John R Brancolini whose telephone number is (703) 305-7107. The examiner can normally be reached on M-Th 7am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Glenton Burgess can be reached on (703) 305-4792. The fax phone

number for the organization where this application or proceeding is assigned is (703)

872-9306.

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist whose telephone number is (703) 305-

3900.

JRB

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